



FortiClient (Linux) - Release Notes

Version 6.0.1

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FortiClient (Linux) 6.0.1 Release Notes

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Change Log

Date	Change Description
2018-08-03	Initial release.

Introduction

FortiClient (Linux) 6.0.1 is an endpoint product for well-known Linux distributions, and it provides FortiTelemetry, Antivirus, and Vulnerability Scan features. FortiClient (Linux) can also download and use FortiSandbox signatures.

This document provides a summary of support information and installation instructions for FortiClient (Linux) 6.0.1 build 0048.

- Introduction
- [Installation Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

Review all sections prior to installing FortiClient.

Installation Information

Installing FortiClient (Linux)

You can install FortiClient (Linux) on the following operating systems:

- Red Hat
- CentOS
- Ubuntu

For supported versions, see [Product Integration and Support](#) on page 9.

Installing FortiClient (Linux) from repo.fortinet.com

You can install FortiClient (Linux) from the repository at repo.fortinet.com.

Installing on Red Hat or CentOS

1. Add the repository by using the following command:

```
sudo yum-config-manager --add-repo http://repo.fortinet.com/repo/centos/7/os/x86_64/fortinet.repo
```

2. Install FortiClient by using the following command:

```
sudo yum install forticlient
```

Installing on Ubuntu

1. Install the gpg key by using the following command:

```
wget -O - http://repo.fortinet.com/repo/ubuntu/DEB-GPG-KEY | sudo apt-key add -
```

2. Add the following line in `/etc/apt/sources.list`:

```
deb [arch=amd64] http://repo.fortinet.com/repo/ubuntu/ xenial multiverse
```

3. Update package lists by using the following command:

```
sudo apt-get update
```

4. Install FortiClient by using the following command:

```
sudo apt install forticlient
```

Installing FortiClient (Linux) using a downloaded installation file

Installing on Red Hat or CentOS

1. Obtain a FortiClient Linux installation rpm file.
2. In a terminal window, run the following command:

```
$ sudo yum install <FortiClient installation rpm file> -y
```

<FortiClient installation rpm file> is the full path to the downloaded rpm file.

Installing on Ubuntu

1. Obtain a FortiClient Linux installation deb file.
2. Install FortiClient using the following command:

```
$ sudo apt-get install <FortiClient installation deb file>
```

<FortiClient installation deb file> is the full path to the downloaded deb file.

If installing FortiClient on Ubuntu 17.10 or 18.04, install the dependencies: libgconf2-4 and libgconf-2-4 by using the following command:

```
$ sudo apt-get install <FortiClient deb file> libgconf2-4 libgconf-2-4
```

Installation folder and running processes

FortiClient installation folder is /usr/bin/forticlient.

config.xml is in /etc/forticlient

In case there are issues, or to report a bug, FortiClient logs are available in /var/log/forticlient.

```
forticlient: bash - Konsole
[qa@localhost Downloads]$ cd /usr/bin/forticlient/
[qa@localhost forticlient]$ ls -al
total 13616
drwxr-xr-x. 9 root root 4096 Sep 26 09:58 .
drwxr-xr-x. 3 root root 45056 Sep 26 09:57 ..
drwxr-xr-x. 2 root root 60 Sep 26 09:57 certs
-rwxr-xr-x. 1 root root 967176 Sep 25 12:09 fchelper
-rwxr-xr-x. 1 root root 1504568 Sep 25 12:09 fctached
-rwxr-xr-x. 1 root root 1410872 Sep 25 12:09 fcton
-rwxr-xr-x. 1 root root 858352 Sep 25 12:09 fortitray
drwxr-xr-x. 3 root root 35 Sep 26 09:57 gui
-rwxr-xr-x. 1 root root 71152 Sep 25 12:09 quichannel.node
-rwxr-xr-x. 1 root root 343872 Sep 25 12:09 quimessenger.node
drwxr-xr-x. 2 root root 69 Sep 26 09:57 images
-rwxr-xr-x. 1 root root 2924168 Sep 25 12:09 libav.so
drwxr-xr-x. 2 root root 24 Sep 26 09:58 Logs
drwxr-xr-x. 2 root root 6 Sep 25 12:09 quarantine
-rwxr-xr-x. 1 root root 1081976 Sep 25 12:09 seamunit
-rw-r--r--. 1 root root 37 Sep 26 09:58 schtasks.json
-rwxr-xr-x. 1 root root 4649352 Sep 25 12:09 updates
drwxr-xr-x. 2 root root 41 Sep 26 09:57 vir_sig
-rw-r--r--. 1 root root 29742 Sep 25 12:09 Windows-exported-b1075.xml
drwxr-xr-x. 2 root root 25 Sep 26 09:57 XLSs
[qa@localhost forticlient]$
```

Some running processes /usr/bin/forticlient include:

- fctsched
- fortitray
- FortiClient
- epctrl

Uninstalling FortiClient (Linux)

Use the following procedure to uninstall FortiClient (Linux) from Red Hat or CentOS operating systems.

To uninstall FortiClient:

1. In a terminal window, run the following command:
\$ sudo yum remove forticlient

Use the following procedure to uninstall FortiClient (Linux) from Ubuntu operating systems.

To uninstall FortiClient:

1. In a terminal window, run the following command:

```
$ sudo apt-get remove forticlient
```


Product Integration and Support

FortiClient 6.0.1 support

The following table lists version 6.0.1 product integration and support information.

FortiClient 6.0.1 support information

Operating Systems	<ul style="list-style-type: none">• Ubuntu 16.04 and later• Red Hat 7.4 and later• CentOS 7.4 and later with KDE or GNOME
FortiClient EMS	<ul style="list-style-type: none">• 6.0.0 and later
FortiOS	<ul style="list-style-type: none">• 6.0.0 and later• 5.6.0 and later
FortiSandbox	<ul style="list-style-type: none">• 3.0.0• 2.5.0 and later• 2.4.0 and later• 2.3.3 and later

Resolved Issues

The following issues have been fixed in version 6.0.1. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Endpoint Control

Bug ID	Description
494400	FortiClient (Linux) is connected to EMS, but no IP and Mac shown on EMS.
492959	FortiClient shows compliant status when Vulnerability Scan is not enabled but FortiGate requires Vulnerability Scan to be enabled.
493064	FortiClient does not show non-compliant status when remote-logging is not enabled but FortiGate profile enables it.
493060	FortiClient does not show non-compliant status when Sandbox is not enabled but FortiGate profile enables Sandbox.
493381	Vulnerability Scan is not executed after EMS sent Vulnerability scan command.
493585	<i>Centrally managed by EMS</i> is missing in FortiClient console <i>Compliance & Telemetry</i> tab.
493630	Vulnerability Scan on Registration is not working.
494402	When FortiClient (Linux) is connected to EMS, EMS GUI becomes very slow.
501033	FortiClient shows wrong compliant status when FortiAnalyzer logging is enabled on FortiGate and no FortiAnalyzer IP address is provided.
503560	FortiClient displays non-compliant status when compliant with OS rules.
503750	FortiClient (Linux) keeps switching between "registered" and "trying to register" state on Ubuntu 17.10.

Vulnerability Scan

Bug ID	Description
483338	EMS never reported most recent vulnerability scan.
505380	EMS shows Vulnerability Scan feature not installed when the feature is enabled on EMS profile and available on FortiClient.

Install and upgrade

Bug ID	Description
501581	FortiClient does not uninstall properly on CentOS 7.4.

GUI

Bug ID	Description
489397	FortiClient shows <i>Not Participating with Security Fabric</i> when registered to FortiGate.
499969	There is no stop button to stop the Vulnerability Scan.
502989	AntiVirus page shows <i>Dynamic Threat Detection</i> as <i>ON</i> when the option is not enabled.
503516	FortiClient does not show the type of vulnerabilities (critical/high) on the scan result screen at the top.
504046	Vulnerability Scan option becomes unavailable after the Vulnerability Scan has been done.

Other

Bug ID	Description
491744	FortiTray <i>Quit</i> entry needs to be disabled when endpoint telemetry is connected.

Known Issues

The following issues have been identified in FortiClient (Linux) 6.0.1. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Endpoint Control

Bug ID	Description
482743	Remember FortiClient Telemetry connection key does not work.

Malware Protection

Bug ID	Description
503202	FortiClient does not report AntiVirus events to EMS.

Vulnerability Scan

Bug ID	Description
505378	EMS does not show all the vulnerabilities found on Linux client under vulnerability events.

GUI

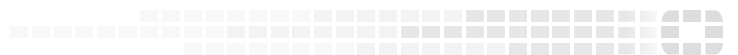
Bug ID	Description
504729	FortiClient does not show user name with special characters correctly.
504743	FortiClient console shows a full scan when starting a quick scan from EMS.
506389	FortiClient shows "vulnerabilities scanned 0" during the patching.

Other

Bug ID	Description
495409	FortiClient does not start vulnerability scan when it gets signature update.
504269	After install and after rebooting the machine, FortiTray dropdown menu does not show up properly on the first click.



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